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N° du pouvoir général

59 (rev.)

2 Ich (Wir) / (We) / Je (Nous)

Akzo Nobel N.V.

Velperweg 76

6824 BM Arnhem

the Netherlands

L

3 bevollmächtigte(n) hiermit / do hereby authorise / autorise (autorisons) par la présente

Address of place of business:

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Vickrey, David Harper (as employee)

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Kaes, Anette

Beetz, Tom

Hesselink, Dinah E.

Aalbers, Arnt Reinier

5 mich (uns) in den durch das Europäische Patentübereinkommen geschaffenen Verfahren in allen meinen (unseren) Patentangelegenheiten zu vertreten, alle Handlungen für mich (uns) vorzunehmen und Zahlungen für mich (uns) in Empfang zu nehmen.

6 to represent me (us) in all proceedings established by the European Patent Convention and to act for me (us) in all patent transactions and to receive payments on my (our) behalf.

7 à ma (nous) représenter pour ce qui concerne toutes mes (nos) affaires de brevet dans toute procédure instituée par la Convention sur le brevet européen et, à ce titre, à agir en mon (notre) nom et à recevoir des paiements pour mon (notre) compte.

Die Vollmacht gilt auch für Verfahren nach dem Vertrag über die internationale Zusammenarbeit auf dem Gebiet des Patentwesens.

This authorisation shall also apply to any proceedings established by the Patent Cooperation Treaty.
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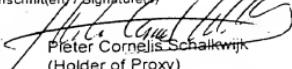
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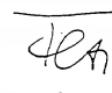
Ort/Place/Lieu Arnhem, the Netherlands

Datum / Date October 16, 1997

Unterschrift(en) / Signature(s)


Pieter Cornelis Schalkwijk
(Holder of Proxy)


Günter Fett
(Holder of Proxy)


Günter Fett
(Holder of Proxy)

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Power of Attorney
(Concerning a Given International Application)

PATENT COOPERATION TREATY
APPOINTMENT OF AGENT OR COMMON REPRESENTATIVE

POWER OF ATTORNEY

The undersigned applicant(s):

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hereby appoints (appoint) Mr. (Ms., Miss, Mrs.) [Name, address]:

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H. Kraak
All residing at:

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[X] as agent

[] as common representative

to act on his (her, their) behalf before the competent International Authorities in connection with the international application on [title of the invention, applicant's or agent's file reference, if any has been indicated in the request, international application number, if already available]:

Our ref.: T/98421 WO

Title: "Hepatitis Y Virus"

filed with the [name of the Office]:

Epo

as receiving Office and to make or receive payments on his (her, their) behalf.

Place.....

Nieuwrode (Holsbeek)

Date:

27.12.1977

Signature of the applicant (where there are several applicants, each of them must sign):

YAP S.H.



VERSLYPE C.J.C.

[Type the name under the (each) signature and add, in case of legal persons, an indication of the capacity in which the person signs]

**Power of Attorney
(Concerning a Given International Application)**

**PATENT COOPERATION TREATY
APPOINTMENT OF AGENT OR COMMON REPRESENTATIVE**

POWER OF ATTORNEY

The undersigned applicant(s):

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[] as common representative

to act on his (her, their) behalf before the competent International Authorities in connection with the international application on [title of the invention, applicant's or agent's file reference, if any has been indicated in the request, international application number, if already available]:

Our ref.: T/98421 WO

Title: "Hepatitis Y Virus"

filed with the [name of the Office]: *Epo*
as receiving Office and to make or receive payments on his (her, their) behalf.

Place..... *Kemel-Lo*

Date..... *23-12-1999*

Signature of the applicant (where there are several applicants, each of them must sign):

YAP S.H.

VERSLYPE C.J.C.

[Type the name under the (each) signature and add, in case of legal persons, an indication of the capacity in which the person signs]

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(Concerning a Given International Application)

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[] as common representative

to act on his (her, their) behalf before the competent International Authorities in connection with the international application on [title of the invention, applicant's or agent's file reference, if any has been indicated in the request, international application number, if already available]:

Our ref.: T/98421 WO

Title: "*Hepatitis Y Virus*"

filed with the [name of the Office]: *Epo*
as receiving Office and to make or receive payments on his (her,their) behalf.

Place: *Boxtel*

Date: *21 Dec 1995*

Signature of the applicant (where there are several applicants, each of them must sign):

BOENDER P

HELLINGS J A

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(Concerning a Given International Application)

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Jan Albert
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hereby appoints (appoint) Mr. (Ms., Miss, Mrs.) [Name, address]:

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C.M. Ogilvie Emanuelson

J.J.L. Mestrom
H. Kraak
All residing at:

M. van Gent
M. Hogenbirk

Postbus 20
5340 BH Oss
The Netherlands

[X] as agent

[] as common representative

to act on his (her, their) behalf before the competent International Authorities in connection with the international application on [title of the invention, applicant's or agent's file reference, if any has been indicated in the request, international application number, if already available]:

Our ref.: T/98421 WO

Title: "Hepatitis Y Virus"

filed with the [name of the Office]: *Epo*
as receiving Office and to make or receive payments on his (her, their) behalf.

Place: *Boxtel*

Date: *20-10-2000*

Signature of the applicant (where there are several applicants, each of them must sign):

BOENDER P

HELLINGS J A

[Type the name under the (each) signature and add, in case of legal persons, an indication of the capacity in which the person signs]